

PF-0675 USN

<110> INCYTE GENOMICS, INC.; TANG, Y. Tom
LAL, Preeti G.; BAUGHN, Mariah R.
YUE, Henry; AU-YOUNG, Janice K.
LU, Dyung Aina M.; AZIMZAI, Yalda

<120> HUMAN SECRETORY PROTEINS

<130> PF-0675 USN

<140> 09/914,958

<141> To Be Assigned

<150> PCT/US00/05621

<151> 2000-03-03

<150> US 60/123,117

<151> 1999-03-05

<160> 44

<170> PERL Program

<210> 1

<211> 182

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 078811CD1

<400> 1

Met	Arg	Ser	Thr	Ile	Leu	Leu	Phe	Cys	Leu	Leu	Gly	Ser	Thr	Arg
1				5					10					15
Ser	Leu	Pro	Val	Phe	Pro	Ser	Leu	Ser	Leu	Ile	Pro	Leu	Thr	Gln
			20						25					30
Met	Leu	Thr	Leu	Gly	Pro	Asp	Leu	His	Leu	Leu	Asn	Pro	Ala	Ala
			35						40					45
Gly	Met	Thr	Pro	Gly	Thr	Gln	Thr	His	Pro	Leu	Thr	Leu	Gly	Gly
			50						55					60
Leu	Asn	Val	Gln	Gln	Gln	Leu	His	Pro	His	Val	Leu	Pro	Ile	Phe
			65						70					75
Val	Thr	Gln	Leu	Gly	Ala	Pro	Gly	His	Tyr	Pro	Lys	Leu	Arg	Gly
			80						85					90
Ile	Ala	Thr	Asn	Leu	His	Glu	Pro	His	His	Pro	Phe	Leu	Val	Pro
			95						100					105
Arg	Glu	Ala	Ser	Leu	Pro	Thr	Ser	Gln	Ala	Gly	Ala	Asn	Pro	Asp
			110						115					120
Val	Gln	Asp	Gly	Ser	Leu	Pro	Ala	Gly	Gly	Ala	Gly	Val	Asn	Pro
			125						130					135
Ala	Thr	Gln	Gly	Thr	Pro	Ala	Gly	Arg	Leu	Pro	Thr	Pro	Ser	Gly
			140						145					150
Thr	Asp	Asp	Asp	Phe	Ala	Val	Thr	Thr	Pro	Ala	Gly	Ile	Gln	Arg
			155						160					165
Ser	Thr	His	Ala	Ile	Glu	Glu	Ala	Thr	Thr	Glu	Ser	Ala	Asn	Gly
			170						175					180
Ile	Gln													

<210> 2
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 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 371156CD1

<400> 2
 Met Val Cys Glu Asp Ala Pro Ser Phe Gln Met Ala Trp Glu Ser
 1 5 10 15
 Gln Met Ala Trp Glu Arg Gly Pro Ala Leu Leu Cys Cys Val Leu
 20 25 30
 Ser Ala Ser Gln Leu Ser Ser Gln Asp Gln Asp Pro Leu Gly His
 35 40 45
 Ile Lys Ser Leu Leu Tyr Pro Phe Gly Phe Pro Val Glu Leu Pro
 50 55 60
 Arg Pro Gly Pro Thr Gly Ala Tyr Lys Lys Val Lys Asn Gln Asn
 65 70 75
 Gln Thr Thr Ser Ser Glu Leu Leu Arg Lys Gln Thr Ser His Phe
 80 85 90
 Asn Gln Arg Gly His Arg Ala Arg Ser Lys Leu Leu Ala Ser Arg
 95 100 105
 Gln Ile Pro Asp Arg Thr Phe Lys Cys Gly Lys Trp Leu Pro Gln
 110 115 120
 Val Pro Ser Pro Val
 125

<210> 3
 <211> 320
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 584050CD1

<400> 3
 Met Ala Gly Leu Ala Ala Arg Leu Val Leu Leu Ala Gly Ala Ala
 1 5 10 15
 Ala Leu Ala Ser Gly Ser Gln Gly Asp Arg Glu Pro Val Tyr Arg
 20 25 30
 Asp Cys Val Leu Gln Cys Glu Glu Gln Asn Cys Ser Gly Gly Ala
 35 40 45
 Leu Asn His Phe Arg Ser Arg Gln Pro Ile Tyr Met Ser Leu Ala
 50 55 60
 Gly Trp Thr Cys Arg Asp Asp Cys Lys Tyr Glu Cys Met Trp Val
 65 70 75
 Thr Val Gly Leu Tyr Leu Gln Glu Gly His Lys Val Pro Gln Phe
 80 85 90
 His Gly Lys Trp Pro Phe Ser Arg Phe Leu Phe Phe Gln Glu Pro
 95 100 105
 Ala Ser Ala Val Ala Ser Phe Leu Asn Gly Leu Ala Ser Leu Val

				110						115					120
Met	Leu	Cys	Arg	Tyr	Arg	Thr	Phe	Val	Pro	Ala	Ser	Ser	Pro	Met	
				125						130					135
Tyr	His	Thr	Cys	Val	Ala	Phe	Ala	Trp	Val	Ser	Leu	Asn	Ala	Trp	
				140						145					150
Phe	Trp	Ser	Thr	Val	Phe	His	Thr	Arg	Asp	Thr	Asp	Leu	Thr	Glu	
				155						160					165
Lys	Met	Asp	Tyr	Phe	Cys	Ala	Ser	Thr	Val	Ile	Leu	His	Ser	Ile	
				170						175					180
Tyr	Leu	Cys	Cys	Val	Arg	Thr	Val	Gly	Leu	Gln	His	Pro	Ala	Val	
				185						190					195
Val	Ser	Ala	Phe	Arg	Ala	Leu	Leu	Leu	Leu	Met	Leu	Thr	Val	His	
				200						205					210
Val	Ser	Tyr	Leu	Ser	Leu	Ile	Arg	Phe	Asp	Tyr	Gly	Tyr	Asn	Leu	
				215						220					225
Val	Ala	Asn	Val	Ala	Ile	Gly	Leu	Val	Asn	Val	Val	Trp	Trp	Leu	
				230						235					240
Ala	Trp	Cys	Leu	Trp	Asn	Gln	Arg	Arg	Leu	Pro	His	Val	Arg	Lys	
				245						250					255
Cys	Val	Val	Val	Val	Leu	Leu	Leu	Gln	Gly	Leu	Ser	Leu	Leu	Glu	
				260						265					270
Leu	Leu	Asp	Phe	Pro	Pro	Leu	Phe	Trp	Val	Leu	Asp	Ala	His	Ala	
				275						280					285
Ile	Trp	His	Ile	Ser	Thr	Ile	Pro	Val	His	Val	Leu	Phe	Phe	Ser	
				290						295					300
Phe	Leu	Glu	Asp	Asp	Ser	Leu	Tyr	Leu	Leu	Lys	Glu	Ser	Glu	Asp	
				305						310					315
Lys	Phe	Lys	Leu	Asp											
				320											

<310> 4

<311> 234

<312> PRT

<313> Homo sapiens

<320>

<321> misc_feature

<323> Incyte ID No: 863808CD1

<400> 4

Met	Gly	Pro	Gly	Gly	Arg	Val	Ala	Arg	Leu	Leu	Ala	Pro	Leu	Met	
1				5					10					15	
Trp	Arg	Arg	Ala	Val	Ser	Ser	Val	Ala	Gly	Ser	Ala	Val	Gly	Ala	
				20					25					30	
Glu	Pro	Gly	Leu	Arg	Leu	Leu	Ala	Val	Gln	Arg	Leu	Pro	Val	Gly	
				35					40					45	
Ala	Ala	Phe	Cys	Arg	Ala	Cys	Gln	Thr	Pro	Asn	Phe	Val	Arg	Gly	
				50					55					60	
Leu	His	Ser	Glu	Pro	Gly	Leu	Glu	Glu	Arg	Ala	Glu	Gly	Thr	Val	
				65					70					75	
Asn	Glu	Gly	Arg	Pro	Glu	Ser	Asp	Ala	Ala	Asp	His	Thr	Gly	Pro	
				80					85					90	
Lys	Phe	Asp	Ile	Asp	Met	Met	Val	Ser	Leu	Leu	Arg	Gln	Glu	Asn	
				95					100					105	
Ala	Arg	Asp	Ile	Cys	Val	Ile	Gln	Val	Pro	Pro	Glu	Met	Arg	Tyr	
				110					115					120	

Thr	Asp	Tyr	Phe	Val	Ile	Val	Ser	Gly	Thr	Ser	Thr	Arg	His	Leu
				125					130					135
His	Ala	Met	Ala	Phe	Tyr	Val	Val	Lys	Met	Tyr	Lys	His	Leu	Lys
				140					145					150
Cys	Lys	Arg	Asp	Pro	His	Val	Lys	Ile	Glu	Gly	Lys	Asp	Thr	Asp
				155					160					165
Asp	Trp	Leu	Cys	Val	Asp	Phe	Gly	Ser	Met	Val	Ile	His	Leu	Met
				170					175					180
Leu	Pro	Glu	Thr	Arg	Glu	Ile	Tyr	Glu	Leu	Glu	Lys	Leu	Trp	Thr
				185					190					195
Leu	Arg	Ser	Tyr	Asp	Asp	Gln	Leu	Ala	Gln	Ile	Ala	Pro	Glu	Thr
				200					205					210
Val	Pro	Glu	Asp	Phe	Ile	Leu	Gly	Ile	Glu	Asp	Asp	Thr	Ser	Ser
				215					220					225
Val	Thr	Pro	Val	Glu	Leu	Lys	Cys	Glu						
				230										

<210> 5

<211> 273

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 978433CD1

<400> 5

Met	Gln	Pro	Ala	Ala	Ala	Ser	Glu	Arg	Gly	Gly	Ala	Asp	Ala	Asp
1				5					10					15
His	Val	Pro	Leu	Leu	Gly	Leu	Leu	Arg	Leu	Gln	Leu	Arg	Ala	Ala
				20					25					30
Arg	Gln	Pro	Gly	Ala	Met	Arg	Pro	Gln	Gly	Pro	Ala	Ala	Ser	Pro
				35					40					45
Gln	Arg	Leu	Arg	Gly	Leu	Leu	Leu	Leu	Leu	Leu	Leu	Gln	Leu	Pro
				50					55					60
Ala	Pro	Ser	Ser	Ala	Ser	Glu	Ile	Pro	Lys	Gly	Lys	Gln	Lys	Ala
				65					70					75
Gln	Leu	Arg	Gln	Arg	Glu	Val	Val	Asp	Leu	Tyr	Asn	Gly	Met	Cys
				80					85					90
Leu	Gln	Gly	Pro	Ala	Gly	Val	Pro	Gly	Arg	Asp	Gly	Ser	Pro	Gly
				95					100					105
Ala	Asn	Gly	Ile	Pro	Gly	Thr	Pro	Gly	Ile	Pro	Gly	Arg	Asp	Gly
				110					115					120
Phe	Lys	Gly	Glu	Lys	Gly	Glu	Cys	Leu	Arg	Glu	Ser	Phe	Glu	Glu
				125					130					135
Ser	Trp	Thr	Pro	Asn	Tyr	Lys	Gln	Cys	Ser	Trp	Ser	Ser	Leu	Asn
				140					145					150
Tyr	Gly	Ile	Asp	Leu	Gly	Lys	Ile	Ala	Glu	Cys	Thr	Phe	Thr	Lys
				155					160					165
Met	Arg	Ser	Asn	Ser	Ala	Leu	Arg	Val	Leu	Phe	Ser	Gly	Ser	Leu
				170					175					180
Arg	Leu	Lys	Cys	Arg	Asn	Ala	Cys	Cys	Gln	Arg	Trp	Tyr	Phe	Thr
				185					190					195
Phe	Asn	Gly	Ala	Glu	Cys	Ser	Gly	Pro	Leu	Pro	Ile	Glu	Ala	Ile
				200					205					210
Ile	Tyr	Leu	Asp	Gln	Gly	Ser	Pro	Glu	Met	Asn	Ser	Thr	Ile	Asn

	215	220	225
Ile His Arg Thr Ser Ser Val Glu Gly	Leu Cys Glu Gly Ile Gly		
	230	235	240
Ala Gly Leu Val Asp Val Ala Ile Trp	Val Gly Thr Cys Ser Asp		
	245	250	255
Tyr Pro Lys Gly Asp Ala Ser Thr Gly	Trp Asn Ser Val Ser Arg		
	260	265	270
Ile Ile Ile Glu Glu Leu Pro Lys			
	275		

<310> 6
 <311> 136
 <312> PRT
 <313> Homo sapiens

<320>
 <321> misc_feature
 <323> Incyte ID No: 1655369CD1

<400> 6

Met Pro Pro Gly Gly	Leu Gly Ala Cys Ala Val Thr Pro Ala Pro	
1	5	10 15
Gly Glu Glu Arg Thr	Gln Pro Gly Glu Leu Gly Gln Gly Leu His	
	20	25 30
Met Ala Gln Gly Gln	Gln Met Leu Ala Gly Gln Leu Leu Pro Met	
	35	40 45
Leu Thr Leu Leu Pro	Pro Ser Phe Pro Leu Pro His Pro Thr Leu	
	50	55 60
Gly Pro Arg Arg His	Ala Ser Leu Thr Gln Leu Gly Pro Ala Phe	
	65	70 75
Trp Met Ala Trp Gly	Arg Pro Trp Ala His Leu Gly Pro Gly Gln	
	80	85 90
Pro Leu Gly Gln Leu	Trp Lys Ser Ser Val Glu Glu His Leu Leu	
	95	100 105
Ala Ala Trp Leu Gln	Pro Leu Ala Leu Leu Glu Trp Ser Leu Gly	
	110	115 120
Ala Ser Ala Leu Ser	Ala Leu Gly Thr Ser His Pro Leu Gly Leu	
	125	130 135
Gln		

<310> 7
 <311> 109
 <312> PRT
 <313> Homo sapiens

<320>
 <321> misc_feature
 <323> Incyte ID No: 1703244CD1

<400> 7

Met Leu Met Tyr Met	Phe Tyr Val Leu Pro Phe Cys Gly Leu Ala
1	5 10 15
Ala Tyr Ala Leu Thr	Phe Pro Gly Cys Ser Trp Leu Pro Asp Trp

	20		25		30
Ala Leu Val Phe	Ala Gly Gly Ile Gly	Gln Ala Gln Phe Ser	His		
	35		40		45
Met Gly Ala Ser	Met His Leu Arg Thr	Pro Phe Thr Tyr Arg	Val		
	50		55		60
Pro Glu Asp Thr	Trp Gly Cys Phe Phe	Val Cys Asn Leu Leu	Tyr		
	65		70		75
Ala Leu Gly Pro	His Leu Leu Ala Tyr	Arg Cys Leu Gln Trp	Pro		
	80		85		90
Ala Phe Phe His	Gln Pro Pro Pro Ser	Asp Pro Leu Ala Leu	His		
	95		100		105
Lys Lys Gln His					

<210> 8
 <211> 262
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 1730819CD1

<400> 8

Met Ala Ala Ala Ser	Ala Gly Ala Thr Arg	Leu Leu Leu Leu Leu	
1	5	10	15
Leu Met Ala Val Ala	Ala Pro Ser Arg Ala	Arg Gly Ser Gly Cys	
	20	25	30
Arg Ala Gly Thr Gly	Ala Arg Gly Ala Gly	Ala Glu Gly Arg Glu	
	35	40	45
Gly Glu Ala Cys Gly	Thr Val Gly Leu Leu	Leu Glu His Ser Phe	
	50	55	60
Glu Ile Asp Asp Ser	Ala Asn Phe Arg Lys	Arg Gly Ser Leu Leu	
	65	70	75
Trp Asn Gln Gln Asp	Gly Thr Leu Ser Leu	Ser Gln Arg Gln Leu	
	80	85	90
Ser Glu Glu Glu Arg	Gly Arg Leu Arg Asp	Val Ala Ala Leu Asn	
	95	100	105
Gly Leu Tyr Arg Val	Arg Ile Pro Arg Arg	Pro Gly Ala Leu Asp	
	110	115	120
Gly Leu Glu Ala Gly	Gly Tyr Val Ser Ser	Phe Val Pro Ala Cys	
	125	130	135
Ser Leu Val Glu Ser	His Leu Ser Asp Gln	Leu Thr Leu His Val	
	140	145	150
Asp Val Ala Gly Asn	Val Val Gly Val Ser	Val Val Thr His Pro	
	155	160	165
Gly Gly Cys Arg Gly	His Glu Val Glu Asp	Val Asp Leu Glu Leu	
	170	175	180
Phe Asn Thr Ser Val	Gln Leu Gln Pro Pro	Thr Thr Ala Pro Gly	
	185	190	195
Pro Glu Thr Ala Ala	Phe Ile Glu Arg Leu	Glu Met Glu Gln Ala	
	200	205	210
Gln Lys Ala Lys Asn	Pro Gln Glu Gln Lys	Ser Phe Phe Ala Lys	
	215	220	225
Tyr Trp Met Tyr Ile	Ile Pro Val Val Leu	Phe Leu Met Met Ser	
	230	235	240
Gly Ala Pro Asp Thr	Gly Gly Gln Gly Gly	Gly Gly Gly Cys Gly	

245
Gly Gly Gly Gly Ser Gly Arg
260

250

255

<110> 9
<111> 384
<112> PRT
<113> Homo sapiens

<220>
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<400> 9
Met Ala Glu Gln Thr Tyr Ser Trp Ala Tyr Ser Leu Val Asp Ser
1 5 10 15
Ser Gln Val Ser Thr Phe Leu Ile Ser Ile Leu Leu Ile Val Tyr
20 25 30
Gly Ser Phe Arg Ser Leu Asn Met Asp Phe Glu Asn Gln Asp Lys
35 40 45
Glu Lys Asp Ser Asn Ser Ser Ser Gly Ser Phe Asn Gly Asn Ser
50 55 60
Thr Asn Asn Ser Ile Gln Thr Ile Asp Ser Thr Gln Ala Leu Phe
65 70 75
Leu Pro Ile Gly Ala Ser Val Ser Leu Leu Val Met Phe Phe Phe
80 85 90
Phe Asp Ser Val Gln Val Val Phe Thr Ile Cys Thr Ala Val Leu
95 100 105
Ala Thr Ile Ala Phe Ala Phe Leu Leu Leu Pro Met Cys Gln Tyr
110 115 120
Leu Thr Arg Pro Cys Ser Pro Gln Asn Lys Ile Ser Phe Gly Cys
125 130 135
Cys Gly Arg Phe Thr Ala Ala Glu Leu Leu Ser Phe Ser Leu Ser
140 145 150
Val Met Leu Val Leu Ile Trp Val Leu Thr Gly His Trp Leu Leu
155 160 165
Met Asp Ala Leu Ala Met Gly Leu Cys Val Ala Met Ile Ala Phe
170 175 180
Val Arg Leu Pro Ser Leu Lys Val Ser Cys Leu Leu Leu Ser Gly
185 190 195
Leu Leu Ile Tyr Asp Val Phe Trp Val Phe Phe Ser Ala Tyr Ile
200 205 210
Phe Asn Ser Asn Val Met Val Lys Val Ala Thr Gln Pro Ala Asp
215 220 225
Asn Pro Leu Asp Val Leu Ser Arg Lys Leu His Leu Gly Pro Asn
230 235 240
Val Gly Arg Asp Val Pro Arg Leu Ser Leu Pro Gly Lys Leu Val
245 250 255
Phe Pro Ser Ser Thr Gly Ser His Phe Ser Met Leu Gly Ile Gly
260 265 270
Asp Ile Val Met Pro Gly Leu Leu Leu Cys Phe Val Leu Arg Tyr
275 280 285
Asp Asn Tyr Lys Lys Gln Ala Ser Gly Asp Ser Cys Gly Ala Pro
290 295 300
Gly Pro Ala Asn Ile Ser Gly Arg Met Gln Lys Val Ser Tyr Phe
305 310 315

His Cys Thr Leu Ile Gly Tyr Phe Val Gly Leu Leu Thr Ala Thr	320	325	330
Val Ala Ser Arg Ile His Arg Ala Ala Gln Pro Ala Leu Leu Tyr	335	340	345
Leu Val Pro Phe Thr Leu Leu Pro Leu Leu Thr Met Ala Tyr Leu	350	355	360
Lys Gly Asp Leu Arg Arg Met Trp Ser Glu Pro Phe His Ser Lys	365	370	375
Ser Ser Ser Ser Arg Phe Leu Glu Val	380		

<210> 10

<211> 244

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1976095CD1

<400> 10

Met Asp Ile Leu Val Pro Leu Leu Gln Leu Leu Val Leu Leu Leu	1	5	10	15
Thr Leu Pro Leu His Leu Met Ala Leu Leu Gly Cys Trp Gln Pro	20	25	30	
Leu Cys Lys Ser Tyr Phe Pro Tyr Leu Met Ala Val Leu Thr Pro	35	40	45	
Lys Ser Asn Arg Lys Met Glu Ser Lys Lys Arg Glu Leu Phe Ser	50	55	60	
Gln Ile Lys Gly Leu Thr Gly Ala Ser Gly Lys Val Ala Leu Leu	65	70	75	
Glu Leu Gly Cys Gly Thr Gly Ala Asn Phe Gln Phe Tyr Pro Pro	80	85	90	
Gly Cys Arg Val Thr Cys Leu Asp Pro Asn Pro His Phe Glu Lys	95	100	105	
Phe Leu Thr Lys Ser Met Ala Glu Asn Arg His Leu Gln Tyr Glu	110	115	120	
Arg Phe Val Val Ala Pro Gly Glu Asp Met Arg Gln Leu Ala Asp	125	130	135	
Gly Ser Met Asp Val Val Val Cys Thr Leu Val Leu Cys Ser Val	140	145	150	
Gln Ser Pro Arg Lys Val Leu Gln Glu Val Arg Arg Val Leu Arg	155	160	165	
Pro Gly Gly Val Leu Phe Phe Trp Glu His Val Ala Glu Pro Tyr	170	175	180	
Gly Ser Trp Ala Phe Met Trp Gln Gln Val Phe Glu Pro Thr Trp	185	190	195	
Lys His Ile Gly Asp Gly Cys Cys Leu Thr Arg Glu Thr Trp Lys	200	205	210	
Asp Leu Glu Asn Ala Gln Phe Ser Glu Ile Gln Met Glu Arg Gln	215	220	225	
Pro Pro Pro Leu Lys Trp Leu Pro Val Gly Pro His Ile Met Gly	230	235	240	
Lys Ala Val Lys				

<210> 11
 <211> 326
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 2169991CD1

<400> 11
 Met Arg Thr Glu Ala Gln Val Pro Ala Leu Gln Pro Pro Glu Pro
 1 5 10 15
 Gly Leu Glu Gly Ala Met Gly His Arg Thr Leu Val Leu Pro Trp
 20 25 30
 Val Leu Leu Thr Leu Cys Val Thr Ala Gly Thr Pro Glu Val Trp
 35 40 45
 Val Gln Val Arg Met Glu Ala Thr Glu Leu Ser Ser Phe Thr Ile
 50 55 60
 Arg Cys Gly Phe Leu Gly Ser Gly Ser Ile Ser Leu Val Thr Val
 65 70 75
 Ser Trp Gly Gly Pro Asn Gly Ala Gly Gly Thr Thr Leu Ala Val
 80 85 90
 Leu His Pro Glu Arg Gly Ile Arg Gln Trp Ala Pro Ala Arg Gln
 95 100 105
 Ala Arg Trp Glu Thr Gln Ser Ser Ile Ser Leu Ile Leu Glu Gly
 110 115 120
 Ser Gly Ala Ser Ser Pro Cys Ala Asn Thr Thr Phe Cys Cys Lys
 125 130 135
 Phe Ala Ser Phe Pro Glu Gly Ser Trp Glu Ala Cys Gly Ser Leu
 140 145 150
 Pro Pro Ser Ser Asp Pro Gly Leu Ser Ala Pro Pro Thr Pro Ala
 155 160 165
 Pro Ile Leu Arg Ala Asp Leu Ala Gly Ile Leu Gly Val Ser Gly
 170 175 180
 Val Leu Leu Phe Gly Cys Val Tyr Leu Leu His Leu Leu Arg Arg
 185 190 195
 His Lys His Arg Pro Ala Pro Arg Leu Gln Pro Ser Arg Thr Ser
 200 205 210
 Pro Gln Ala Pro Arg Ala Arg Ala Trp Ala Pro Ser Gln Ala Ser
 215 220 225
 Gln Ala Ala Leu His Val Pro Tyr Ala Thr Ile Asn Thr Ser Cys
 230 235 240
 Arg Pro Ala Thr Leu Asp Thr Ala His Pro His Gly Gly Pro Ser
 245 250 255
 Trp Trp Ala Ser Leu Pro Thr His Ala Ala His Arg Pro Gln Gly
 260 265 270
 Pro Ala Ala Trp Ala Ser Thr Pro Ile Pro Ala Arg Gly Ser Phe
 275 280 285
 Val Ser Val Glu Asn Gly Leu Tyr Ala Gln Ala Gly Glu Arg Pro
 290 295 300
 Pro His Thr Gly Pro Gly Leu Thr Leu Phe Pro Asp Pro Arg Gly
 305 310 315
 Pro Arg Ala Met Glu Gly Pro Leu Gly Val Arg
 320 325

<210> 12
 <211> 105
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 2516827CD1

<400> 12
 Met Asn Leu Gly Val Ser Met Leu Arg Ile Leu Phe Leu Leu Asp
 5 10 15
 Val Gly Gly Ala Gln Val Leu Ala Thr Gly Lys Thr Pro Gly Ala
 20 25 30
 Glu Ile Asp Phe Lys Tyr Ala Leu Ile Gly Thr Ala Val Gly Val
 35 40 45
 Ala Ile Ser Ala Gly Phe Leu Ala Leu Lys Ile Cys Met Ile Arg
 50 55 60
 Arg His Leu Phe Asp Asp Ser Ser Asp Leu Lys Ser Thr Pro
 65 70 75
 Gly Gly Leu Ser Asp Thr Ile Pro Leu Lys Lys Arg Ala Pro Arg
 80 85 90
 Arg Asn His Asn Phe Ser Lys Arg Asp Ala Gln Val Ile Glu Leu
 95 100 105

<210> 13
 <211> 626
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 2991370CD1

<400> 13
 Met Ala Pro Ser Ala Asp Pro Gly Met Ser Arg Met Leu Pro Phe
 1 5 10 15
 Leu Leu Leu Leu Trp Phe Leu Pro Ile Thr Glu Gly Ser Gln Arg
 20 25 30
 Ala Glu Pro Met Phe Thr Ala Val Thr Asn Ser Val Leu Pro Pro
 35 40 45
 Asp Tyr Asp Ser Asn Pro Thr Gln Leu Asn Tyr Gly Val Ala Val
 50 55 60
 Thr Asp Val Asp His Asp Gly Asp Phe Glu Ile Val Val Ala Gly
 65 70 75
 Tyr Asn Gly Pro Asn Leu Val Leu Lys Tyr Asp Arg Ala Gln Lys
 80 85 90
 Arg Leu Val Asn Ile Ala Val Asp Glu Arg Ser Ser Pro Tyr Tyr
 95 100 105
 Ala Leu Arg Asp Arg Gln Gly Asn Ala Ile Gly Val Thr Ala Cys
 110 115 120
 Asp Ile Asp Gly Asp Gly Arg Glu Glu Ile Tyr Phe Leu Asn Thr
 125 130 135
 Asn Asn Ala Phe Ser Gly Val Ala Thr Tyr Thr Asp Lys Leu Phe
 140 145 150
 Lys Phe Arg Asn Asn Arg Trp Glu Asp Ile Leu Ser Asp Glu Val

Asn Val Ala Arg	155	Val Ala Ser Leu	160	Phe Ala Gly Arg Ser	165	Val
Ala Cys Val Asp	170	Lys Gly Ser Gly	175	Arg Tyr Ser Ile Tyr	180	Ile
Ala Asn Tyr Ala	185	Tyr Gly Asn Val Gly	190	Pro Asp Ala Leu Ile	195	Glu
Met Asp Pro Glu	200	Ala Ser Asp Leu Ser	205	Arg Gly Ile Leu Ala	210	Leu
Arg Asp Val Ala	215	Ala Glu Ala Gly Val	220	Ser Lys Tyr Thr Gly	225	Gly
Arg Gly Val Ser	230	Val Gly Pro Ile Leu	235	Ser Ser Ser Ala Ser	240	Asp
Ile Phe Cys Asp	245	Asn Glu Asn Gly Pro	250	Asn Phe Leu Phe His	255	Asn
Arg Gly Asp Gly	260	Thr Phe Val Asp Ala	265	Ala Ala Ser Ala Gly	270	Val
Asp Asp Pro His	275	Gln His Gly Arg Gly	280	Val Ala Leu Ala Asp	285	Phe
Asn Arg Asp Gly	290	Lys Val Asp Ile Val	295	Tyr Gly Asn Trp Asn	300	Gly
Pro His Arg Leu	305	Tyr Leu Gln Met Ser	310	Thr His Gly Lys Val	315	Arg
Phe Arg Asp Ile	320	Ala Ser Pro Lys Phe	325	Ser Met Pro Ser Pro	330	Val
Arg Thr Val Ile	335	Thr Ala Asp Phe Asp	340	Asn Asp Gln Glu Leu	345	Glu
Ile Phe Phe Asn	350	Asn Ile Ala Tyr Arg	355	Asn Asp Gln Glu Leu	360	Glu
Leu Phe Arg Val	365	Ile Arg Arg Glu His	370	Ser Ser Ser Ala Asn	375	Arg
Glu Leu Asn Pro	380	Gly Asp Ala Leu Glu	385	Gly Asp Pro Leu Ile	390	Glu
Gly Gly Val Val	395	Thr Asp Phe Asp Gly	400	Pro Glu Gly Arg Gly	405	Thr
Ile Leu Ser His	410	Gly Glu Ser Met Ala	415	Asp Gly Met Leu Asp	420	Leu
Arg Gly Asn Gln	425	Gly Phe Asn Asn Asn	430	Gln Pro Leu Ser Val	435	Phe
Arg Thr Arg Phe	440	Gly Ala Phe Ala Arg	445	Leu Arg Val Val Pro	450	Pro
Tyr Thr Lys Lys	455	Ser Gly Ala His Leu	460	Gly Ala Lys Val Val	465	Leu
Ser Gly Tyr Leu	470	Cys Glu Met Glu Pro	475	Arg Ile Ile Asp Gly	480	Gly
Gly Lys Asp Glu	485	Ala Ser Ser Val Glu	490	Val Ala His Phe Gly	495	Leu
Lys Met Val Ser	500	Arg Asn Val Ala Ser	505	Val Thr Trp Pro Asp	510	Gly
Leu Glu Ile Leu	515	Tyr Pro Arg Asp Glu	520	Gly Glu Met Asn Ser	525	Val
Ala Pro Leu Glu	530	Cys Gly Gln Gly Phe	535	Asp Thr Leu Gln Asp	540	Pro
His Cys Met Asp	545	Thr Asn Glu Cys Ile	550	Gln Gln Glu Asn Gly	555	Gly
Pro Arg Asp Lys	560	Pro Val Cys Val Asn	565	Gln Phe Pro Phe Val	570	Cys
Cys Arg Thr Asn	575	Lys Lys Cys Ser Arg	580	Thr Tyr Gly Ser Tyr	585	Arg
	590		595	Gly Tyr Glu Pro Asn	600	Glu

Asp	Gly	Thr	Ala	Cys	Val	Gly	Trp	Trp	Ser	Pro	Val	Leu	Lys	Ile
				505					510					515
Val	Thr	Pro	Gln	Val	Gly	Lys	Ser	Leu	Gly	Pro				
				520					525					

<210> 14
 <211> 296
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 3031062CD1

<400> 14

Met	Glu	Trp	Trp	Ala	Ser	Ser	Pro	Leu	Arg	Leu	Trp	Leu	Leu	Leu
1				5					10					15
Phe	Leu	Leu	Pro	Ser	Ala	Gln	Gly	Arg	Gln	Lys	Glu	Ser	Gly	Ser
				20					25					30
Lys	Trp	Lys	Val	Phe	Ile	Asp	Gln	Ile	Asn	Arg	Ser	Leu	Glu	Asn
				35					40					45
Tyr	Glu	Pro	Cys	Ser	Ser	Gln	Asn	Cys	Ser	Cys	Tyr	His	Gly	Val
				50					55					60
Ile	Glu	Glu	Asp	Leu	Thr	Pro	Phe	Arg	Gly	Gly	Ile	Ser	Arg	Lys
				65					70					75
Met	Met	Ala	Glu	Val	Val	Arg	Arg	Lys	Leu	Gly	Thr	His	Tyr	Gln
				80					85					90
Ile	Thr	Lys	Asn	Arg	Leu	Tyr	Arg	Glu	Asn	Asp	Cys	Met	Phe	Pro
				95					100					105
Ser	Arg	Cys	Ser	Gly	Val	Glu	His	Phe	Ile	Leu	Glu	Val	Ile	Gly
				110					115					120
Arg	Leu	Pro	Asp	Met	Glu	Met	Val	Ile	Asn	Val	Arg	Asp	Tyr	Pro
				125					130					135
Gln	Val	Pro	Lys	Trp	Met	Glu	Pro	Ala	Ile	Pro	Val	Phe	Ser	Phe
				140					145					150
Ser	Lys	Thr	Ser	Glu	Tyr	His	Asp	Ile	Met	Tyr	Pro	Ala	Trp	Thr
				155					160					165
Phe	Trp	Glu	Gly	Gly	Pro	Ala	Val	Trp	Pro	Ile	Tyr	Pro	Thr	Gly
				170					175					180
Leu	Gly	Arg	Trp	Asp	Leu	Phe	Arg	Glu	Asp	Leu	Val	Arg	Ser	Ala
				185					190					195
Ala	Gln	Trp	Pro	Trp	Lys	Lys	Lys	Asn	Ser	Thr	Ala	Tyr	Phe	Arg
				200					205					210
Gly	Ser	Arg	Thr	Ser	Pro	Glu	Arg	Asp	Pro	Leu	Ile	Leu	Leu	Ser
				215					220					225
Arg	Lys	Asn	Pro	Lys	Leu	Val	Asp	Ala	Glu	Tyr	Thr	Lys	Asn	Gln
				230					235					240
Ala	Trp	Lys	Ser	Met	Lys	Asp	Thr	Leu	Gly	Lys	Pro	Ala	Ala	Lys
				245					250					255
Asp	Val	His	Leu	Val	Asp	His	Cys	Lys	Tyr	Lys	Tyr	Leu	Phe	Asn
				260					265					270
Phe	Arg	Gly	Val	Leu	Gln	Val	Ser	Gly	Leu	Asn	Thr	Ser	Ser	Cys
				275					280					285
Val	Ala	Ile	Ile	Leu	Met	Arg	Lys	Arg	Thr	Tyr				
				290					295					

<210> 15
 <211> 249
 <212> PRT
 <213> Homo sapiens

<220>
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 <222> Incyte ID No: 3101617CD1

<400> 15
 Met Asp Gly Lys Lys Cys Ser Val Trp Met Phe Leu Pro Leu Val
 1 5 10 15
 Phe Thr Leu Phe Thr Ser Ala Gly Leu Trp Ile Val Tyr Phe Ile
 20 25 30
 Ala Val Glu Asp Asp Lys Ile Leu Pro Leu Asn Ser Ala Glu Arg
 35 40 45
 Lys Pro Gly Val Lys His Ala Pro Tyr Ile Ser Ile Ala Gly Asp
 50 55 60
 Asp Pro Pro Ala Ser Cys Val Phe Ser Gln Val Met Asn Met Ala
 65 70 75
 Ala Phe Leu Ala Leu Val Val Ala Val Leu Arg Phe Ile Gln Leu
 80 85 90
 Lys Pro Lys Val Leu Asn Pro Trp Leu Asn Ile Ser Gly Leu Val
 95 100 105
 Ala Leu Cys Leu Ala Ser Phe Gly Met Thr Leu Leu Gly Asn Phe
 110 115 120
 Gln Leu Thr Asn Asp Glu Glu Ile His Asn Val Gly Thr Ser Leu
 125 130 135
 Thr Phe Gly Phe Gly Thr Leu Thr Cys Trp Ile Gln Ala Ala Leu
 140 145 150
 Thr Leu Lys Val Asn Ile Lys Asn Glu Gly Arg Arg Val Gly Ile
 155 160 165
 Pro Arg Val Ile Leu Ser Ala Ser Ile Thr Leu Cys Val Val Leu
 170 175 180
 Tyr Phe Ile Leu Met Ala Gln Ser Ile His Met Tyr Ala Ala Arg
 185 190 195
 Val Gln Trp Gly Leu Val Met Cys Phe Leu Ser Tyr Phe Gly Thr
 200 205 210
 Phe Ala Val Glu Phe Arg His Tyr Arg Tyr Glu Ile Val Cys Ser
 215 220 225
 Glu Tyr Gln Glu Asn Phe Leu Ser Phe Ser Glu Ser Leu Ser Glu
 230 235 240
 Ala Ser Glu Tyr Gln Thr Asp Gln Val
 245

<210> 16
 <211> 124
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> Incyte ID No: 3216178CD1

<400> 16

Met	Gly	Gly	Tyr	Leu	Lys	Thr	Arg	Pro	Trp	Thr	Leu	Gln	His	Phe
1				5					10					15
Tyr	Leu	Cys	Leu	Met	Pro	Ala	Ala	Thr	Trp	Leu	Val	Leu	Leu	Leu
			20						25					30
Leu	Leu	Trp	Leu	Ser	Leu	Gly	Val	Lys	Thr	Gly	Ser	Cys	Ser	Gln
			35						40					45
Pro	Gln	Asn	Leu	Cys	Cys	Leu	Gly	Thr	Asp	His	His	Cys	Lys	Arg
			50						55					60
Gly	Ser	Cys	Tyr	Cys	Asp	Glu	Phe	Cys	His	Val	Ala	Pro	Asp	Cys
			65						70					75
His	Pro	Asp	His	Ser	Val	Leu	Cys	Asn	Pro	Ala	Ser	Gln	Met	Thr
			80						85					90
Lys	Met	Val	Leu	Gln	Met	Val	Leu	Arg	Met	Glu	Asn	Pro	Pro	Ser
			95						100					105
Pro	Ala	Arg	Ser	His	Leu	Asp	Trp	Met	Gln	Ser	Met	Val	Ser	Ser
			110						115					120
Leu	Gln	Val	Leu											

<210> 17

<211> 101

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3406803CD1

<400> 17

Met	Leu	Pro	Val	Gly	Ala	Gln	Pro	Arg	Ser	Pro	Pro	Trp	Val	Leu
1				5					10					15
Ala	Arg	Leu	Leu	His	Pro	Arg	Gly	Pro	Ala	Ala	Thr	Ser	Leu	Val
			20						25					30
Pro	Phe	Leu	Pro	Trp	Gly	Ser	Leu	Glu	Ser	His	Thr	Pro	Cys	Pro
			35						40					45
Tyr	Arg	Ala	Cys	Ser	Pro	Gly	Trp	Glu	Leu	Thr	Leu	Ser	Thr	Phe
			50						55					60
Pro	Glu	Arg	Glu	Thr	Leu	Ser	Gly	Gly	Glu	Val	Arg	Lys	Arg	Gly
			65						70					75
Ala	Gly	Ser	Met	Val	Gly	Gly	Gly	Glu	Ser	Thr	Met	Thr	Arg	Ala
			80						85					90
Leu	Cys	Val	Arg	Leu	Leu	Thr	Lys	Leu	Arg	Val				
			95						100					

<210> 18

<211> 540

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3468066CD1

<400> 18

Met	Ala	Thr	Ser	Gly	Ala	Ala	Ser	Ala	Glu	Leu	Val	Ile	Gly	Trp	1	5	10	15
Cys	Ile	Phe	Gly	Leu	Leu	Leu	Leu	Ala	Ile	Leu	Ala	Phe	Cys	Trp	20	25	30	
Ile	Tyr	Val	Arg	Lys	Tyr	Gln	Ser	Arg	Arg	Glu	Ser	Glu	Val	Val	35	40	45	
Ser	Thr	Ile	Thr	Ala	Ile	Phe	Ser	Leu	Ala	Ile	Ala	Leu	Ile	Thr	50	55	60	
Ser	Ala	Leu	Leu	Pro	Val	Asp	Ile	Phe	Leu	Val	Ser	Tyr	Met	Lys	65	70	75	
Asn	Gln	Asn	Gly	Thr	Phe	Lys	Asp	Trp	Ala	Asn	Ala	Asn	Val	Ser	80	85	90	
Arg	Gln	Ile	Glu	Asp	Thr	Val	Leu	Tyr	Gly	Tyr	Tyr	Thr	Leu	Tyr	95	100	105	
Ser	Val	Ile	Leu	Phe	Cys	Val	Phe	Phe	Trp	Ile	Pro	Phe	Val	Tyr	110	115	120	
Phe	Tyr	Tyr	Glu	Glu	Lys	Asp	Asp	Asp	Asp	Thr	Ser	Lys	Cys	Thr	125	130	135	
Gln	Ile	Lys	Thr	Ala	Leu	Lys	Tyr	Thr	Leu	Gly	Phe	Val	Val	Ile	140	145	150	
Cys	Ala	Leu	Leu	Leu	Leu	Val	Gly	Ala	Phe	Val	Pro	Leu	Asn	Val	155	160	165	
Pro	Asn	Asn	Lys	Asn	Ser	Thr	Glu	Trp	Glu	Lys	Val	Lys	Ser	Leu	170	175	180	
Phe	Glu	Glu	Leu	Gly	Ser	Ser	His	Gly	Leu	Ala	Ala	Leu	Ser	Phe	185	190	195	
Ser	Ile	Ser	Ser	Leu	Thr	Leu	Ile	Gly	Met	Leu	Ala	Ala	Ile	Thr	200	205	210	
Tyr	Thr	Ala	Tyr	Gly	Met	Ser	Ala	Leu	Pro	Leu	Asn	Leu	Ile	Lys	215	220	225	
Gly	Thr	Arg	Ser	Ala	Ala	Tyr	Glu	Arg	Leu	Glu	Asn	Thr	Glu	Asp	230	235	240	
Ile	Glu	Glu	Val	Glu	Gln	His	Ile	Gln	Thr	Ile	Lys	Ser	Lys	Ser	245	250	255	
Lys	Asp	Gly	Arg	Pro	Leu	Pro	Ala	Arg	Asp	Lys	Arg	Ala	Leu	Lys	260	265	270	
Gln	Phe	Glu	Glu	Arg	Leu	Arg	Thr	Leu	Lys	Lys	Arg	Glu	Arg	His	275	280	285	
Leu	Glu	Phe	Ile	Glu	Asn	Ser	Trp	Trp	Thr	Lys	Phe	Cys	Gly	Ala	290	295	300	
Leu	Arg	Pro	Leu	Lys	Ile	Val	Trp	Gly	Ile	Phe	Phe	Ile	Leu	Val	305	310	315	
Ala	Leu	Leu	Phe	Val	Ile	Ser	Leu	Phe	Leu	Ser	Asn	Leu	Asp	Lys	320	325	330	
Ala	Leu	His	Ser	Ala	Gly	Ile	Asp	Ser	Gly	Phe	Ile	Ile	Phe	Gly	335	340	345	
Ala	Asn	Leu	Ser	Asn	Pro	Leu	Asn	Met	Leu	Leu	Pro	Leu	Leu	Gln	350	355	360	
Thr	Val	Phe	Pro	Leu	Asp	Tyr	Ile	Leu	Ile	Thr	Ile	Ile	Ile	Met	365	370	375	
Tyr	Phe	Ile	Phe	Thr	Ser	Met	Ala	Gly	Ile	Arg	Asn	Ile	Gly	Ile	380	385	390	
Trp	Phe	Phe	Trp	Ile	Arg	Leu	Tyr	Lys	Ile	Arg	Arg	Gly	Arg	Thr	395	400	405	
Arg	Pro	Gln	Ala	Leu	Leu	Phe	Leu	Cys	Met	Ile	Leu	Leu	Leu	Ile	410	415	420	
Val	Leu	His	Thr	Ser	Tyr	Met	Ile	Tyr	Ser	Leu	Ala	Pro	Gln	Tyr	425	430	435	

Val Met Tyr Gly Ser Gln Asn Tyr Leu Ile Glu Thr Asn Ile Thr		
	440	445 450
Ser Asp Asn His Lys Gly Asn Ser Thr Leu Ser Val Pro Lys Arg		
	455	460 465
Cys Asp Ala Glu Ala Pro Glu Asp Gln Cys Thr Val Thr Arg Thr		
	470	475 480
Tyr Leu Phe Leu His Lys Phe Trp Phe Phe Ser Ala Ala Tyr Tyr		
	485	490 495
Phe Gly Asn Trp Ala Phe Leu Gly Val Phe Leu Ile Gly Leu Ile		
	500	505 510
Val Ser Cys Cys Lys Gly Lys Lys Ser Val Ile Glu Gly Val Asp		
	515	520 525
Glu Asp Ser Asp Ile Ser Asp Asp Glu Pro Ser Val Tyr Ser Ala		
	530	535 540

<210> 19
 <211> 108
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 3592862CD1

<400> 19

Met Thr Pro Ser Arg Leu Pro Trp Leu Leu Ser Trp Val Ser Ala		
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Thr Ala Trp Arg Ala Ala Arg Ser Pro Leu Leu Cys His Ser Leu		
20 25 30		
Arg Lys Thr Ser Ser Ser Gln Gly Gly Lys Ser Glu Leu Val Lys		
35 40 45		
Gln Ser Leu Lys Lys Pro Lys Leu Pro Glu Gly Arg Phe Asp Ala		
50 55 60		
Pro Glu Asp Ser His Leu Glu Lys Glu Pro Leu Glu Lys Phe Pro		
65 70 75		
Asp Asp Val Asn Pro Val Thr Lys Glu Lys Gly Gly Pro Arg Gly		
80 85 90		
Pro Glu Pro Thr Arg Tyr Gly Asp Trp Glu Arg Lys Gly Arg Cys		
95 100 105		
Ile Asp Phe		

<210> 20
 <211> 114
 <212> PRT
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 3669422CD1

<400> 20

Met Ser Ser Ser Ser Ser Arg Cys Leu Ser Pro Ser Pro Gly Met		
1 5 10 15		

Ser	Leu	Trp	Ser	Cys	Leu	Leu	Phe	Leu	Cys	Thr	Pro	Ser	Pro	Thr
				20					25					30
Thr	Thr	Ser	Pro	Ser	Pro	Asp	Pro	Ser	Gln	Val	Ser	Thr	Leu	Pro
				35					40					45
Thr	Pro	Ser	Pro	Gln	Arg	Glu	Gly	Leu	Lys	Gln	Gly	Gln	Trp	Arg
				50					55					60
Lys	Thr	Gly	Pro	Ser	Ser	Thr	His	Pro	His	Thr	Pro	Ser	Ser	Arg
				65					70					75
Pro	Pro	Ser	Pro	Ser	Ser	Leu	Pro	Leu	Thr	Trp	Lys	Leu	Leu	Gln
				80					85					90
Pro	Ile	Pro	Ser	His	Ser	Leu	Pro	His	Pro	Pro	Lys	Ile	His	Thr
				95					100					105
Gly	Pro	Ser	Leu	Ala	Glu	Cys	Gly	His						
				110										

<210> 21
 <211> 114
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 3688740CD1

Met	Arg	Gly	Glu	His	Asn	Ser	Thr	Ser	Tyr	Asp	Ser	Ala	Val	Ile
1				5					10					15
Tyr	Arg	Gly	Phe	Trp	Ala	Val	Leu	Met	Leu	Leu	Gly	Val	Val	Ala
				20					25					30
Val	Val	Ile	Ala	Ser	Phe	Leu	Ile	Ile	Cys	Ala	Ala	Pro	Phe	Ala
				35					40					45
Ser	His	Phe	Leu	Tyr	Lys	Ala	Gly	Gly	Gly	Ser	Tyr	Ile	Ala	Ala
				50					55					60
Asp	Gly	Ile	Ser	Ser	Leu	Cys	Tyr	Ser	Ser	Leu	Ser	Lys	Ser	Leu
				65					70					75
Leu	Ser	Gln	Pro	Leu	Arg	Glu	Thr	Ser	Ser	Ala	Ile	Asn	Asp	Ile
				80					85					90
Ser	Leu	Leu	Gln	Ala	Leu	Met	Pro	Leu	Leu	Gly	Trp	Thr	Ser	His
				95					100					105
Trp	Thr	Cys	Ile	Thr	Val	Gly	Leu	Tyr						
				110										

<210> 22
 <211> 287
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 3742589CD1

<400> 22
 Met Glu Leu Glu Arg Ile Val Ser Ala Ala Leu Leu Ala Phe Val

1	5	10	15
Gln Thr His Leu Pro Glu Ala Asp Leu Ser Gly Leu Asp Glu Val			
	20	25	30
Ile Phe Ser Tyr Val Leu Gly Val Leu Glu Asp Leu Gly Pro Ser			
	35	40	45
Gly Pro Ser Glu Glu Asn Phe Asp Met Glu Ala Phe Thr Glu Met			
	50	55	60
Met Glu Ala Tyr Val Pro Gly Phe Ala His Ile Pro Arg Gly Thr			
	65	70	75
Ile Gly Asp Met Met Gln Lys Leu Ser Gly Gln Leu Ser Asp Ala			
	80	85	90
Arg Asn Lys Glu Asn Leu Gln Pro Gln Ser Ser Gly Val Gln Gly			
	95	100	105
Gln Val Pro Ile Ser Pro Glu Pro Leu Gln Arg Pro Glu Met Leu			
	110	115	120
Lys Glu Glu Thr Arg Ser Ser Ala Ala Ala Ala Ala Asp Thr Gln			
	125	130	135
Asp Glu Ala Thr Gly Ala Glu Glu Glu Leu Leu Pro Gly Val Asp			
	140	145	150
Val Leu Leu Glu Val Phe Pro Thr Cys Ser Val Glu Gln Ala Gln			
	155	160	165
Trp Val Leu Ala Lys Ala Arg Gly Asp Leu Glu Glu Ala Val Gln			
	170	175	180
Met Leu Val Glu Gly Lys Glu Glu Gly Pro Ala Ala Trp Glu Gly			
	185	190	195
Pro Asn Gln Asp Leu Pro Arg Arg Leu Arg Gly Pro Gln Lys Asp			
	200	205	210
Glu Leu Lys Ser Phe Ile Leu Gln Lys Tyr Met Met Val Asp Ser			
	215	220	225
Ala Glu Asp Gln Lys Ile His Arg Pro Met Ala Pro Lys Glu Ala			
	230	235	240
Pro Lys Lys Leu Ile Arg Tyr Ile Asp Asn Gln Val Val Ser Thr			
	245	250	255
Lys Gly Glu Arg Phe Lys Asp Val Arg Asn Pro Glu Ala Glu Glu			
	260	265	270
Met Lys Ala Thr Tyr Ile Asn Leu Lys Pro Ala Arg Lys Tyr Arg			
	275	280	285
Phe His			

<210> 23

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 078811CB1

<400> 23

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aacacagatg ctcacactgg ggccagatct gcatctgtta aatcctgctg caggaatgac 180
acctgggtacc cagacccacc cattgaccct gggaggggttg aatgtacaac agcaactgca 240
cccacatgtg ttaccaatTT ttgtcacaca acttggagcc ccagggcact atcctaagct 300
cagaggaatt gccacaaatc ttcacgagcc tcatcatcca ttcttgttc cccgggaggc 360
atccttgccc accagtcagg caggggctaa tccagatgtc caggatggaa gccttcagc 420

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aggaggagca ggtgtaaatc ctgccaccca gggaacccca gcaggccgcc tcccaactcc 430
cagtggcaca gatgacgact ttgcagtgac cacccttgca ggcatccaaa ggagcacaca 540
tgccatcgag gaagccacca cagaatcagc aaatggaatt cagtaagctg tttaaatttt 600
tttcaactaa gctgcctcga atttggtgat acatgtgaat ctttatcatt gattatatta 660
tggaatagat tgagacacat tggatagtct tagaagaaat taattcttaa ttacctgaa 720
aatattcttg aaatttcaga aaatatgttc tatgtagaga atcccaactt ttaaaaacaa 780
taattcaatg gataaatctg tctttgaaat ataacattat gctgcctgga tgatatgcat 840
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354

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<210> 24

<211> 1304

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 371156CB1

<400> 24

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ggatatgtgaa gatgcaccgt cttttcaaat ggccctgggag agtcaaattg cctggggagag 180
ggggcctgcc cttctctgct gtgtcctttc ggcttcccag ttgagctccc aagaccagga 240
ccactggggg catataaaat ctctgctgta tcctttcggc ttcccagttg agtcccaag 300
accaggaccc actggggcat ataaaaaagt caaaaatcaa aatcaaacaa caagtctga 360
gttacttagg aaacagactt cgcatttcaa tcagagaggc cacagagcaa ggtctaaact 420
tctggcttct agacaaatc ctgatagaac atttaaattg gggaagtggc ttcccaggt 480
ccatccccct gtttagggat agagttgata tcatttttat aggtgccatg tatgcctctg 540
cctgaatttt ttttaattgac ttttgagctt ttgagattgc acgagggaga acaaggcctt 600
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aatctaacaa tatgaagggc tcttatgagt ctttttttcc aaaagatgaa aactccagaa 720
acgcacagga acgaaatacc tcccagaaac atgaagcaat catcgaagac tcaactgtaa 780
tattttttaa aagtatacag atcaaagcaa aaagaagcca tgtgtaacaa agagaaatgt 840
gcaaatattt ttttaaggcag tattaagtgc aagaggagta acatgaaata aacattcttt 900
cacatggcta ctgggaatat aaatttcgct ccagaaaggc cgtagcagtt tgacgatagg 960
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gaggaaatta tccgagatcc ccacaaactg caatgttttag gaattgtcct tatagcattg 1080
catacacaag aaaaacagag aaaagcctga tcctgtcag tggaaaaggg gttcaatgaa 1140
ttacgggtgtg tctgcatgag gcttttatga cattaaaaat tgttgaacaa cggccaggca 1200
cagtggctca tgccctgtaat cctaacactt tgggaggcca aggtgggaag attgcctgag 1260
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ggagaattga ttgaaccgag gaggcagagg ttgcactgag ctgagattaa gccaccgcac 1440
tccagcctgg gcgacagagc aagattccgt tcccaagaaa aaaaaattgt tcaacaataa 1500
gggcaaaagg agagaatcat aacatctgat taaacagaaa aagcaagatt tttaaaacta 1560
actatataag gatgggtccc gctgtgtcaa aaggaagctt gtttgtaata cgtgtgcata 1620
aaaattaaat agaggtgaac acaattatct taaggcagtt aaattatctc tgtattgtga 1680
actaagactt tctagaattt tacttattca ttctgtactt aaattttttc taatgaacac 1740
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aaaa
1804

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<210> 25

<211> 2663

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 584050CB1

<400> 25

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<210> 26

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 863808CB1

<470> 26

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<210> 27

<211> 1257

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 978433CB1

<400> 27

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<211> 3560

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1655369CB1

<400> 28

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<210> 29

<211> 614

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1703244CB1

<400> 29

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<210> 30

<211> 1936

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1730819CB1

<400> 30

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<210> 31

<211> 1958

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1757161CB1

<400> 31

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<210> 32

<211> 1424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1976095CB1

<400> 32

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<210> 33

<211> 2238

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2169991CB1

<400> 33

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<210> 34
 <211> 536
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 2616827CB1

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<400> 34
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ggactgtctgt ggggtgtcgcc atatctgctg gcttctctggc cctgaagatc tgcattgatc 180
ggagggaactt atttgaacgac gactcttctcg acctgaaaag cagccctggg ggccctcagt 240
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cacaggtgat tgagctgtag gtgagcagtg acgtgaagag ggggttctagc cccgtggaaa 360
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ctttcacatg gactgaatat tggaggcaaa taatagaagg aatagaatat acagtgcctc 480
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<210> 35
 <211> 2177
 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte ID No: 2991370CB1

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tcttgaaaaa aaaaaaa 2177

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<210> 36

<211> 2043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3031062CB1

<400> 36

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ggatggagtc tagagcctcc cagagcctgg agaggaggcc tcggtcagcc actccgtgga 1850
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<210> 37
<211> 1743
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte ID No: 3101617CB1

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<400> 37
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atc                                     1743

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<210> 38
<211> 1306
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<223> Incyte ID No: 3216178CB1

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<400> 38

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<210> 39

<211> 351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3406803CB1

<400> 39

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<210> 40

<211> 2204

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3468066CB1

<400> 40

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